

IN THE SPECIFICATION

Please replace the paragraph at page 8, line 16 to page 9, line 3, with the following rewritten paragraph:

In ~~Fig. 2~~ Fig. 1, the personal computer 1 also receives an E-mail, having attached thereto data for recording reserving of a pre-set program of a pre-set television broadcasting station, over a network 6, such as Ethernet or Internet, from the personal computer 7. This recording reservation data is e.g., data of the v-calendar system. The personal computer 1 sets recording reserving, based on the recording reservation data appended to the E-mail, to execute the reserved recording of the pre-set program. ~~to transmit the resulting E-mail over the network 6 to the personal computer 1-1. The personal computer 1-1 receives the E-mail, transmitted from the personal computer 1-2, to execute the reserved recording of the pre-set program.~~

Please replace the paragraph at page 16, line 17 to page 17, line 2, with the following rewritten paragraph:

An AV content management retrieval program 102 demonstrates the pre-set information, such as the date and time of recording or the AV contents recorded on the HDD 31. The AV content management retrieval program 102 also commands the recording and/or reproducing program 101 to reproduce the pre-set AV contents to select the AV contents as an object of editing to supply the information of the selected AV content information to an AV content editing program 103 to command reservation recording to ~~[[an]]~~ a reservation recording setting program 104.

Please replace the paragraph at page 17, lines 12-18, with the following rewritten paragraph:

The reservation recording setting program 104 generates the AV contents executing the reservation recording, based on the setting. These AV contents are responsive to the setting (recording time and recording mode determining the picture quality) to secure the storage area for the HDD 31 at the outset. The reservation recording setting program 104 also generates the AV contents executing the reservation recording based on the recording reservation data furnished from the WWW (World Wide Web) browser 106 or an E-mail program, ~~not shown~~ (see Fig. 7).

Please replace the paragraph at page 17, line 19 to page 18, line 3, with the following rewritten paragraph:

[[An]] A reservation monitoring program 105 is perpetually in operation (that is, resident) when the personal computer 1 (that is when the OS is running) to execute the reservation recording based on the AV contents for executing the reservation recording generated by the reservation recording setting program 104 and on the time supplied from an RTC (Real Time Clock). The reservation monitoring program 105 also changes the setting of the AV contents executing the reservation recording.

Please delete the paragraph at page 18, lines 8-15, in its entirety:

Please replace the paragraph at page 18, lines 16-20, with the following rewritten paragraph:

~~Fig.7~~ Fig. 8 illustrates the structures of the application program executed by the personal computer 1, middleware and the drivers. The middleware is responsive to the

request from the application program to actuate predetermined drivers. The drivers actually drive the pre-set resources of a hardware, such as MPEG encoder 58 of the picture processing board 34.

Please replace the paragraph at page 19, lines 18-20, with the following rewritten paragraph:

An encoder 124 executes the control of causing the MPEG encoder 58 of the picture processing board 34 to compress the picture or speech data inputted from the digital selector 57 into digital data of the MPEG system.

Please replace the paragraph at page 19, line 21 to page 20, line 2, with the following rewritten paragraph:

A decoder 125 executes the control of causing the MPEG decoder 60 of the picture processing board 34 to expand the picture or speech digital data of the MPEG system inputted from the bridge 59.

Please replace the paragraph at page 20, lines 3-6, with the following rewritten paragraph:

An output switching unit 126 actuates an analog selector 55 and the 1394 interface 51 of the picture processing board 34 to control the outputting of the analog signals from the picture processing board 34 or of the digital data through the network 5.

Please replace the paragraph at page 20, lines 7-9, with the following rewritten paragraph:

An input switching unit 127 actuates the analog selector 55, 1394 interface 51, DV data interface 52 and the digital selector 57 to select the analog or digital data inputted to the picture processing board 34.

Please replace the paragraph at page 20, lines 10-11, with the following rewritten paragraph:

A screen display 128 actuates the digital selector 57 and the bridge 59 etc to control display of a picture on the CRT 30.

Please replace the paragraph at page 20, lines 12-14, with the following rewritten paragraph:

A driver 129 deals with the requests from the encoder 124, decoder 125, output switching unit 126, input switching unit 127 and the screen display 128 to actually drive the picture processing board 34.

Please replace the paragraph at page 20, lines 15-16, with the following rewritten paragraph:

A TCP/IP 130 is a specified communication protocol and executes the processing of connecting the web server 125 to the portable telephone set 7.

Please delete the paragraphs at page 20, line 17 to page 23, line 8, in their entirety.

Please replace the paragraph at page 24, lines 2-10, with the following rewritten paragraph:

The recording mode data stored in the AV content attribute record 152-1 indicate that the moving picture data files 161-1-1 to 161-1-3 are one of high quality, standard and video CD compatible, which video CD compatible specifies that the picture data are of the MPEG-1 system. On the other hand, the status data stored in the AV content attribute record 152-1 indicate that the AV content attribute record 151-1 is in an reservation queue, in recording state, in the recording and/or reproducing state, that is in the state of recording data and reproducing recorded picture data, in the non-reproducing state, in the reproducing state or in the replay end state.

Please replace the paragraph at page 30, lines 3-9, with the following rewritten paragraph:

The recording reservation setting program 104 displays data, such as the channel for recording, time and date of start of recording, time and date of end of recording and the recording mode, in the window used for confirming the setting. If the pre-set button, herein a button labeled “end” “complete”, is clicked, the recording reservation setting program 104 causes the AV contents 151, executing the reservation recording, to be recorded on the HDD 31, to register the AV contents attribute record 152 corresponding to the recorded AV contents 151 in the content database 122.

Please replace the paragraph at page 31, lines 4-8, with the following rewritten paragraph:

Fig.16 shows a picture of the personal computer 1-1 running the WWW browser 106 demonstrates on the CRT 30, based on a pre-set file supplied from the server 7. The personal computer 1-1 demonstrates the so-called program table. In this program table, there are

arrayed pre-set recording reservation data download buttons 251-1 to 251-11 in association with the respective programs.

Please replace the paragraph at page 31, line 19 to page 32, line 10, with the following rewritten paragraph:

If the reservation data download button 251-5 is clicked, the recording reservation data for reservation recording of the "After School Club" of NHK General is downloaded to the personal computer 1-1. If the reservation data download button 251-6 is clicked, the recording reservation data for reservation recording of the ~~"Daetylologic Corner"~~ "Dactylology" of NHK General is downloaded to the personal computer 1-1. ~~If the reservation data download button 251-7 is clicked, the recording reservation data for reservation recording of the "Health for Tomorrow" of NHK General is downloaded to the personal computer 1-1. If the reservation data download button 251-6 is clicked, the recording reservation data for reservation recording of the "Daetylologic Corner" of NHK General is downloaded to the personal computer 1-1. If the reservation data download button 251-7 is clicked, the recording reservation data for reservation recording of the "Health for Tomorrow" of NHK General is downloaded to the personal computer 1-1.~~

Please replace the paragraph at page 32, lines 16-21, with the following rewritten paragraph:

If the reservation data download button 251-10 is clicked, the recording reservation data for reservation recording of the ~~"Processing Baseball"~~ "Professional Baseball" of Nippon TV is downloaded to the personal computer 1-1. If the reservation data download button 251-11 is clicked, the recording reservation data for reservation recording of the

“Friday TV of Sun 1” of TOTAL BITS OF A PICTURE (TOTAL_BITS) is downloaded to the personal computer 1-1.

Please replace the paragraph at page 43, line 18 to page 44, line 6, with the following rewritten paragraph:

Fig.19 illustrates a picture displayed on the CRT 90 by the personal computer 7 operating the personal information manager program. When the personal information manager program is in operation, the personal computer 7 causes a so-called scheduled input picture to be displayed. On this scheduled input picture, there are arranged a case name input field ~~301~~ 201, in which to enter a scheduled case name, a scheduled site input field ~~302~~ 202, in which to enter the scheduled site, a scheduled start date input field ~~303~~ 202, in which to enter the scheduled start date, a scheduled start time input field ~~304~~ 204, in which to enter the scheduled start time, a scheduled end date input field ~~305~~ 205, in which to enter the scheduled end date, and a scheduled end time input field ~~306~~ 206, in which to enter the scheduled end time.

Please replace the paragraph at page 44, lines 7-14, with the following rewritten paragraph:

When generating recording reservation data, a user inputs a title of a program to be appointed for recording, in the case name input field ~~301~~ 201, while inputting the channel in the site input field ~~302~~ 202. The user also inputs the airing start date of a program in the scheduled start date input field ~~303~~ 203, while inputting the scheduled start date in the date input field ~~303~~ 203, while inputting the scheduled start time in the scheduled start time input field ~~304~~ 204 and inputting the program airing end date in the scheduled end date input field ~~305~~ 205 and in the scheduled end time input field ~~306~~ 206, respectively.

Please replace the paragraph at page 44, line 15 to page 45, line 2, with the following rewritten paragraph:

For example, in an example shown in Fig.9, “closeup ancient ~~times~~ age” is entered as a program title in the case name input field ~~301~~ 201, “1” indicating a channel 1, is input to the site input field ~~302~~ 202 as a channel over which the program is aired, “1999/06/01” for June 1, 1999, indicating the date of start of airing of the program, is input to the scheduled start date input field ~~303~~ 203, “21:00” indicating the time of start of the airing of the program, is input to the scheduled start time input field ~~304~~ 204, “1999/06/01” for June 1, 1999, indicating the date of end of airing of the program, is input to the scheduled end date input field ~~305~~ 205, and “21:45” is input as the program airing end time to the scheduled end time input field ~~306~~ 206.

Please replace the paragraph at page 45, lines 3-8, with the following rewritten paragraph:

After inputting the pre-set data, the personal information manager program of the personal computer 7 generates recording reservation data of the v-calendar system, in association with the data input to the case name input field ~~301~~ 201, site input field ~~302~~ 302, scheduled start date input field ~~303~~ 203, scheduled start time input field ~~304~~ 204, scheduled end date input field ~~305~~ 205 and to the scheduled end time input field ~~306~~ 204, subject to designation of pre-set commands by the user.

Please replace the paragraph at page 51, last line to page 52, line 6, with the following rewritten paragraph:

The processing of reception of the recording reservation data by the E-mail program 106 of the personal computer 1 is explained with reference to the flowchart of ~~Fig. 18~~ Fig. 26. At step S121, the E-mail program 106 of the personal computer 1 receives an E-mail, having attached thereto the recording reservation data received from the personal computer 7-1 or 7-2, over the network 6. At step S122, the E-mail program 106 of the personal computer 1 records the recording reservation data, attached to the E-mail, in the RAM 23 or in the HDD 31, to terminate the processing.

Please replace the paragraph at page 52, line 19 to page 53, line 4, with the following rewritten paragraph:

At step S132, the reservation recording setting program 104 records the AV contents 151 in an reservation queue, including the moving picture data file 161 which has secured a pre-set area of the HDD 31, based on the read-out recording reservation data. At step S13, the reservation recording setting program 104 causes a content database 152 to generate an

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AV content attribute record 152, corresponding to the AV contents 151 in the reservation queue, based on the recording reservation data, to complete the processing.